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**TB CARE I**

# **TB CARE I - Vietnam**

**Year 3  
Quarterly Report  
January-March 2013**

**April 30, 2013**

## Quarterly Overview

<b>Reporting Country</b>	<b>Vietnam</b>
<b>Lead Partner</b>	<b>KNCV</b>
<b>Collaborating Partners</b>	<b>MSH, WHO</b>
<b>Date Report Sent</b>	30 April 2013
<b>From</b>	Nguyen Thien Huong
<b>To</b>	Nguyen Thi Minh Ngoc, Pham Huy Minh
<b>Reporting Period</b>	<b>January-March 2013</b>

<b>Technical Areas</b>	<b>% Completion</b>
1. Universal and Early Access	31%
2. Laboratories	33%
3. Infection Control	25%
4. PMDT	39%
5. TB/HIV	25%
6. Health Systems Strengthening	28%
7. M&E, OR and Surveillance	20%
8. Drug supply and management	19%
<b>Overall work plan completion</b>	<b>28%</b>

### Most Significant Achievements

#### Universal and early access: Management of TB in children

Together with Vietnam National Tuberculosis Control Program (NTP), the lead partner of TB CARE I - KNCV, and Thai Binh Tuberculosis (TB) and Lung Disease Hospital have organized a number of training classes on new approach of management of TB in children (diagnosis at district level and manage child contacts at commune level) to commence the pilot implementation of TB management in children in Thai Binh. These classes were provided for NTP staff at provincial and district levels, pediatricians and doctors in General and Pediatrics hospitals (2 trainings) and Commune health workers in 196 communes (10 training classes). The monitoring and supervision mission on TB management in children was conducted by international consultant, KNCV and NTP staff in HCMC, Can Tho and Hanoi. The visit has made comprehensive assessment on the practical aspects in the implementation including the implementation progress of child TB activities in the pilot provinces since the end of 2012 and to provide feedback for improvement. The bi-annual review meeting on the implementation of the new approach of management of TB in children was organized on 19 March 2013. Discussions and experiences sharing among participants have been creating an overall picture and better understanding of practical difficulties, challenges, and experiences during the implementation within the different provinces.

#### Laboratory

TB CARE I\KNCV organized 2 trainings on Xpert MTB/RIF pilot implementation for doctors of HIV OPCs in HCMC and Can Tho in March.

Besides, in February, in collaboration with NTP, TB CARE I partners (KNCV, WHO and MSH) conducted joint monitoring and supervision visits on the pilot implementation of Xpert MTB/RIF in 6 pilot sites in 3 southern provinces. The availability of the monitoring mission report with specific findings and recommendations on practical implementation of Xpert MTB/RIF is assisting NTP at central level in the management and sites in improving the operations.

As of March 2013 3,440 tests were done for 3 targeted groups (MDR suspects (79.7%), PLWHA suspected having TB (16.1%), children suspected having TB (3.2%). Among these tests, 50.9% were MTB and 17.2% were Rifampicin resistant.

Maintenance and calibration plan for 17 GeneXpert systems has been developed and approved by the NTP for implementation.

#### TBIC

Three (3) remaining districts in HCMC have completed the proposed TBIC facility plans. These plans will be considered for approval by PNTH & NTP and implemented in the next quarters.

Proposal for the development of IEC materials for TBIC for health care workers and community has been developed and approved by NTP.

NTP has adapted the data collection form for TBIC indicators and sent it out to 67 sites in 63 provinces across the nation. 97% (65 centers) provided responses. Draft analysis is being made by the Project consultant.

#### PMDT

The implementation of e-TB manager has been happening in 12 treatment sites (93% of the total 13), in central NTP and 44 district TB Units (DTUs), with a total of 57 health units (approximately 6.2% of district health units) using e-TB manager on regular basis. E-TB managers is gradually being used as a routine task for all staff from all health units. The scale-up of e-TB manager shall be considered later upon the performance and results of the pilot implementation.

#### TB\HIV

An agreement between VAAC and KNCV has been reached for activities related to the updating of national guidelines and updating of training curriculum and materials on TB/HIV collaborative activities for being implemented nationwide. The draft outlines of guidelines and training materials have been achieved.

#### M&E, OR and surveillance

The TA mission by KNCV-HQ surveillance consultant was conducted in March. A roadmap of key different components for improving VITIMES (the internet based TB surveillance tool, developed by the NLH in close cooperation with 2 local IT companies and TA by KNCV surveillance consultant and were implemented in NTP network) and data exchange between VITIMES and e-TB manager by 2015 has been available in collaboration with WHO-HQ consultant.

The TA mission by KNCV-HQ research consultant was also conducted in March. The final draft of 3 OR protocols (GeneXpert, 02 TB management in children) are now ready for the NTP approval process. The consultant also provided TA for NTP and WHO on data cleaning and analysis for the 4th drug resistance survey.

#### Drug supply and management

Xpert MTB\RIF supply chain: Since starting of the pilot implementation of GeneXpert in early 2012, TB CARE I has been responsible for providing TA to NTP on Xpert MTB\RIF supply chain planning including forecasting for procurement, local distribution, collection of monthly reports on Xpert MTB\RIF tests and cartridge use and data enter and analysis. In collaboration with NTP, KNCV has conducted monitoring and management of the cartridge use as well as supported the NTP with GX maintenance and recalibration planning and management. This system is functioning well.

### **Overall work plan implementation status**

The overall work plan completion reached 28% for the first two quarters of Year 3. Preparations for acceleration in quarter 3 are done, but not yet reflected in the workplan completion.

#### **Technical and administrative challenges**

Obtaining adequate human resources for project implementation, particular for drug supply and management area. MSH country office has implemented the recruitment process for this position .



#### **In-country Global Fund status and update**


TB Round 9 Phase 2:









In Feb 2013, the Global Fund has approved the Renewal Request for additional funds (incremental amount) of up to USD 36,240,508. The TB Round 9 grant phase 2 was signed April 20, 2013.



New Funding Model: Vietnam TB is selected as interim applicant with the indicative funding amount (beyond existing commitments) of US\$7 million for the transition period (2013-2014). The PR is waiting to be contacted by the GF to initiate the negotiation (concept note etc).









## Quarterly Activity Plan Report

1. Universal and Early Access			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
1.2 Increased quality of TB services delivered among all care providers (Supply)	1.2.1	Management of IPT for children	KNCV	6,500	 25%	Sep	2013	Mechanism, forms and registers are ready for payment to health care workers who provide and follow up IPT. The first payment will be done in the next quarter for the first cohort of children receiving IPT in the 3rd quarter of 2012 (Oct-Dec 2012, IPT last 6 months)
	1.2.2	Training on TB in children	KNCV	11,675	 100%	Feb	2013	<p>Trainings on new approach of management of TB in children were jointly organized by KNCV, NTP and Thai binh TB &amp; Lung Disease Hospital for NTP staff, pediatricians and doctors in general and Pediatrics hospitals in province and 5 selected districts and CHWs at 196 communes.</p> <ul style="list-style-type: none"> <li>- 3 day-training for NTP staff at provincial and district level: 21-23 January</li> <li>- 2 day-training for pediatricians and doctors in general hospitals at provincial and district level: 24-25 January</li> <li>- 10 trainings (1 day) for communal health workers in 5 selected districts (196 communes) were conducted in February and March: 19-20 Feb in Kien xuong district, 21-22 Feb in Tien hai district, 28 feb - 1 Mar in Thai thuy, 5-6 Mar in Hung ha district, 7-8 Mar in Quynh phu district.</li> </ul> <p>A total of 268 participants (125 male and 143 female) have received these trainings. Forms and registers have been provided. The implementation will be started in 5 selected</p>



1.2.3	Coordination, monitoring and supervision for pilot implementation of management of TB in children in 4 provinces	KNCV	41,060	 50%	Sep	2013	The Monitoring and supervision mission on TB management in children was conducted by an international consultant (Prof. Steve Graham), KNCV and NTP staff in HCMC, Can Tho and Hanoi. The primary aim of this visit is to evaluate progress in implementation of the child TB activities in the pilot provinces since the end of 2012 and to provide feedback. The monitoring visit has included 3 DTUs (District # 11, 10 and Thu duc) and 4 CHCs in HCMC, 3 DTUs (Ninh kieu, Binh dien and Binh thuy) and 5 CHCs in Can Tho with feedback and debriefing at the provincial TB and Lung Hospitals. In general, communal and district staff master the procedures for management of childhood TB and child contacts. Over the last 6 months of implementation, there have been 299 child contacts in HCMC, of which 90 cases (44.5%) have been put on IPT. In Can Tho this number is 249 and 154 (61.8%). In Hanoi this number is 69 and 41 (59.4%). The recording and reporting system for TB management in children is excellent. Very few cases of suspected TB among child contacts identified and referred. After the monitoring and supervision visits, the bi-annual review meeting on implementation of the new approach was organized on 19 March 2013. Over 26 participants (15 male, 11 female) from 4 piloted provinces, central NTP, partners and international consultant participated in this review meeting. Discussions were held and experiences were actively shared among participants for better understanding of practical difficulty and challenges within different provinces.
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<b>1.2.4</b>	TA - Pediatrician - Steve Graham	KNCV	20,100	 50%	Sep	2013	The first TA mission was conducted from 18-20 March including monitoring and on the spot technical support in 3 provinces (Hanoi, HCMC and Can tho) and working with national level on implementation progress, problems and solution for pilot project, discussion on 2 operation research protocols with NTP and KNCV research consultant and participation in the bi-annual review of the pilot project (Please see #1.23 above). The summary TA mission report including the findings and recommendations was available for pilot improvement.
<b>1.2.5</b>	Evaluate new strategy for TB in children	KNCV	20,000	 25%	Sep	2013	2 OR protocols to evaluate new strategy for management TB in children developed by NTP\Child TB Group have been discussed and finalized. Titles: (i) feasibility and acceptability of provision of isoniazid preventive therapy (IPT) to children at the communal level and ii) yield and accuracy of the new TB screening algorithm for children with participation of the Pediatrics consultant (Prof. Steve Graham) and KNCV research consultant (Edine
<b>1.2.6</b>	Updating of national guideline on TB control in congregate settings	KNCV	8,146	 25%	Jul	2013	Preparation activities have been underway for a workshop to update the national guideline on TB control in congregate settings in April.
<b>1.2.7</b>	Updating of training materials for collaborative TB/HIV/MDRTB management in prisons	KNCV	8,864	 25%	Jul	2013	Preparation activities have been underway for a workshop to update training materials for collaborative TB/HIV/MDRTB management in prisons in April.
<b>1.2.8</b>	Development of IEC materials for management of TB in children	KNCV	6,497	 25%	Jul	2013	Proposal for development of IEC materials for childhood TB management has been developed by NTP\ACSM group and TB CARE I. The messages and designs for 2 posters and 2 leaflets are being developed.
<b>1.2.9</b>	Development of tools for clinical screening (interview form, register, report format)	KNCV	3,077	 25%	Jul	2013	Preparation activities have been underway for a workshop to develop tools for clinical screening (questionnaire)
<b>1.2.10</b>	Training of staff of NTP, MPS in 2 pilot prisons	KNCV	5,760	 0%	Sep	2013	This activity is not planned to be implemented in this Quarter
<b>1.2.11</b>	Development of model for transitional care	KNCV	7,591	 25%	Jul	2013	Preparation activities have been underway for a workshop to further develop and agree on the model for transitional care in April







	<b>1.2.12</b>	Implementation in 2 pilot prisons	KNCV	5,360	 0%	Sep	2013	This activity is not planned to be implemented in this Quarter
					 31%			



2. Laboratories				Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity	Activity Leader			Month	Year	
2.1 Ensured capacity, availability and quality of laboratory testing to support the diagnosis and monitoring of TB patients	<b>2.1.1</b>	Trainings for lab staff for improve work practice	KNCV	11,733	 25%	Jul	2013	Preparation activities are underway to get the dates and revised training materials for training for the two labs of Tien Giang and Binh Thuan on improved lab management and bio-safety in the next quarter
	<b>2.1.2</b>	Ensure availability of specimen packaging material at 47 sites	MSH	10,080	 50%	Sep	2013	
	<b>2.1.3</b>	Support NTP for transportation of specimen from sentinel to referral sites	MSH	15,000	 25%	Sep	2013	Using private corrier service for 7 pilot sites. Still needs a meeting between NTP and the post office in order to use this system for specimen transportation
	<b>2.1.4</b>	Provide technical support at provincial and district level for specimen referral system	MSH	14,506	 50%	Sep	2013	Used SPS funds for the last quarter, so the budget for this activity is spent less than planned. But under Q3 and 4, more visits will be conducted.
	<b>2.1.5</b>	Provide technical support to NTP in strengthening of MIS for specimen referral system	MSH		 0%	Sep	2013	The STTA is planed in Q3
	<b>2.1.6</b>	Provide technical support to NTP for data collection, analysis, and reporting periodically	MSH		 25%	Sep	2013	
	<b>2.1.7</b>	Support NTP to disseminate the report on specimen referral to all relevant partners on a periodically	MSH		 25%	Sep	2013	
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
2.2 Ensured the availability and quality of technical assistance and services	<b>2.2.1</b>	Technical assistance	KNCV	10,140	 25%	Sep	2013	Preparation activities have been underway for a TA mission visit in Q3 2013.












Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
2.3 Ensured optimal use of new approaches for laboratory confirmation of TB and incorporation of these approaches in national strategic laboratory plans	2.3.1	LED FM implementation in 10 districts in HCMC (APA2) and 2 MDR-TB centers	KNCV	12,000	 25%	Sep	2013	Proposal for LED FM implementation in 10 districts in HCMC has been finalized. The issue of the reading method (screening at 200x magnification and confirm AFB at 400X magnification according to WHO recommendation) has been agreed and included in the NTP national guideline on lab SOPs.  However, the issue of chemical used for staining reagent is being considered using either potassium permanganate (KMNO4) or methylene blue. The lab technicians of Pham Ngoc Thach hospital supported by KNCV lab expert (Dr. Sang Jea Kim) is conducting a small testing to see staining reagent at different concentrations of methylene blue and different time of staining to make a base for determination.
	2.3.2	Xpert MTB\RIF pilot implementation in 17 sites: trainings	KNCV	5,040	 75%	May	2013	2 trainings on Xpert MTB/RIF pilot implementation has been organized for doctors of HIV OPCs in HCMC (6 March) and Can Tho (8 March). A total number of 67 doctors (27 male and 40 female) participated in these training classes. Preparation is underway for the training class for OPCs and DTUs in Hanoi in the next quarter.





	<b>2.3.3</b>	Xpert MTB\RIF pilot implementation in 17 sites: Operations	KNCV	201,198	 50%	Sep	2013	<p>Joint monitoring and supervision visits between NTP and TB CARE I partners (KNCV, WHO and MSH) for pilot implementation of Xpert MTB\RIF in 6 pilot sites in 3 southern provinces were carried out:</p> <ul style="list-style-type: none"> <li>- HCMC: 25-27 February for 4 GeneXpert sites in PNTH, Pediatrics Hospital, District #6 and #8</li> <li>- An giang: 28 February</li> <li>- Can tho: 1 March</li> </ul> <p>The monitoring mission report including findings and recommendation is available for improvement of the pilot implementation. Monthly report on Xpert MTB\RIF and cartridge use have been collected from project sites and analyzed for operations. As of March 2013, 3,388 tests were done for 3 targeted groups (MDR suspects (79.9%), PLWHA suspected having TB (15.8%), children suspected having TB (3.3%). Among these tests, 50.7% was MTB and 17.3% was Rifampicin resistant. Monthly meetings of the GeneXpert TWG including members from NTP and TB CARE I partners have been held on 28 January, 22 February and 27 March to review GeneXpert implementation progress and provide recommendation and advice on problem solving for technical and operational issues. The protocol of operational research in support of Xpert MTB\RIF introduction in Vietnam has been finalized. SOP for data collection using the Xpert data extract form has been finalized with TA by KNCV research consultant (Dr. Edine Tiemersma). Maintenance and calibration plan for 17 GeneXpert systems has been developed and</p>
	<b>2.3.4</b>	Xpert MTB\RIF pilot implementation in 17 sites: Technical assistance	KNCV	11,430	 25%	Sep	2013	<p>Technical assistance plan for GeneXpert data collection (NTP), maintenance and calibration (Cepheid local service provider) has been developed and finalized.</p>
					 33%			








3. Infection Control			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
3.2 Scaled-up implementation of TB-IC strategies	3.2.1	Introduction of a framework to plan, implementation and scale-up TBIC activities at country, facility and community levels (TBCTA)	KNCV	6,350	 0%	Sep	2013	This activity is not planned to be implemented in this Quarter
	3.2.2	Improved TBIC condition for health care facilities at district level in PMDT treatment sites	KNCV	8,000	 25%	Sep	2013	TBIC facilities plans have been developed by 3 remaining districts in HCMC. These plans will be approved by PNTH & NTP and implemented in the next quarters
	3.2.3	Development of 2 IEC materials on TBIC (cough etiquette, posters, flyers)	KNCV	17,797	 25%	Sep	2013	Proposal for development of IEC materials for TBIC for health care workers and community has been developed by NTP\ACSM group. The messages and designs for 1 poster and 1 leaflet are being developed.
	3.2.4	Distant and in-country technical assistance	KNCV	9,040	 25%	Sep	2013	Preparation activities have been underway for local and international TA missions visits by NIHE and Franco Ramoso in Q2 and Q3 2013.
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
3.3 Strengthened TB IC Monitoring & Measurement	3.3.1	Implement Recording and Reporting records for TBIC indicators in 63 TB hospitals	KNCV	963	 50%	Sep	2013	The adapted data collection form had been sent out by the NTP to 67 sites in 63 provinces. Responses were received from 65 (97%) centers. Data was entered and draft analysis was started by the consultant .
					 25%			


4. PMDT			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
4.1 Improved treatment success of MDR TB	4.1.1	Distant and in-country technical assistance	KNCV	43,388	 50%	Sep	2013	The first TA mission visit of KNCV-HQ consultant (Agnes Gebhard) was conducted in the last quarter (November 2012). Preparation activities have been underway for the second TA mission of KNCV HO consultant to Vietnam in Q3 2013 .
	4.1.2	Engagement of quasi-private providers at MDR treatment centres to collaborate with PMDT	KNCV	3,600	 0%	Sep	2013	This activity is not planned to be implemented in this Quarter






<b>4.1.3</b>	Support e-TBM implementation at HCM Hospital Central Level and in all DR-TB sites	MSH	52,222	 50%	Sep	2013	e-TB manager implementation in 12 treatment sites (93% of the total 13) + NTP + 44 district TB Units (DTUs), total of 57 health units using e-TB manager on regular basis. On-going cases and treatment outcomes are covered in e-TB manager for around 95% of the real numbers. Monitoring process established by the comparison between paper-based reports and e-TB manager numbers.
<b>4.1.4</b>	Update training materials, user manual, SOPs, and all system documentation related to e-TBM	MSH		 50%	Sep	2013	Guideline with the basic transactions of e-TB manager, for the cases and the medicine module, translated to Vietnamese but not yet distributed to all sites, document still needs further review from NTP's technical team. System's documentation is still under development.
<b>4.1.5</b>	Explore solutions for potential data exchange with VITIMES system according to NTP information systems	MSH		 25%	Sep	2013	Possible solutions for systems integration are be conducted with NTP and MoH staff
<b>4.1.6</b>	Provide support for overall e-TBM activity coordination/monitoring/planning/reporting	MSH		 50%	Sep	2013	Support provided through remote assistance (conference calls and data quality analysis). E-TB manager gradually is being used as a routine task for all staff from all health units.
<b>4.1.7</b>	Support the use of e-TBM for SLDs management; Develop tools for forecasting/quantification/distribution/consumption monitoring at site levels and central level; Revise SOPs for SLDs; Implement an indicators dashboard and regular reports; Implement electronic SLD dispensation module; Switch from paper based system to electronic	MSH	13,868	 50%	Sep	2013	NTP, in agreement with MSH recommendations, has successfully encouraged health units to update their stock position, allowing the use of the e-TB manager forecasting tool to complete their procurement needs.
				 39%			


5. TB/HIV			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
5.1 Strengthened prevention of TB/HIV co-infection	5.1.1	Updating national guidelines on TB\HIV collaborative activities	KNCV	7,700	 25%	Sep	2013	Agreement between VAAC and KNCV has been reached for activities related to the updating of national guidelines (#5.1.1) and updating of training curriculum and materials (#5.1.2) on TB/HIV collaborative activities. The meeting of the writing team with participation of the Mission, KNCV, interesting partners (FHI, CDC) was held on 28 March for the agreement of the outlines of the guidelines, training curriculum and materials and work distribution among members of the writing team. The draft outlines have been available
	5.1.2	Updating of training curriculum and material for TB\HIV collaboration activities	KNCV	4,850	 25%	Sep	2013	Please see # 5.1.1
					 25%			





6. Health Systems Strengthening			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
6.1 TB control is embedded as a priority within the national health strategies and plans, with matching domestic financing and supported by the engagement of partners	6.1.1	Project coordination and management	KNCV	72,830	 25%	Sep	2013	Monitoring and supervision of all project activities has been carried out by KNCV staff in the Country Office
	6.1.2	Advocacy workshops at national and provincial level to sustain TB national target programme and increase funding	WHO	29,685	 25%	June	2013	Planned for May 2013. Preparation with the provinces is initiated.
	6.1.3	Intense follow-up of health journalists to maintain high profile of TB in the media, especially in high burden provinces	WHO	28,900	 25%	July	2013	The Vietnam based international journalist trainer who is facilitating the workshop is available in June. We will organize the WS closely linked to 6.1.2
	6.1.4	Improve ACSM capacity of central and provincial NTP and communication center	WHO	45,941	 50%	June	2013	2 training workshops were organized with 32 participants from 8 provinces (23 male, 9 female). 4 provincial advocacy plans were chosen for funding support

	<b>6.1.5</b>	Strengthen Vietnam STOP TB partnership so that it can better play its role as hub for communication and advocacy	WHO	19,594	 25%	Sep	2013	Contracted consultant to support VSTP so that it will better play its role as hub for communication and advocacy. The consultant starts in May 2013.
	<b>6.1.6</b>	Coordination meetings among TB control partners	WHO	10,373	 50%	Sep	2013	2nd meeting planned for May 2013.
<b>Outcome</b>	<b>Activity #</b>	<b>Activity</b>	<b>Activity Leader</b>	<b>Approved Budget</b>	<b>Cumulative Completion</b>	<b>Month</b>	<b>Year</b>	<b>Cumulative Progress and Deliverables up-to-date</b>
6.2 TB control components (drug supply and management, laboratories, community care, HRD and M&E) form an integral part of national plans, strategies and	<b>6.2.1</b>	Policy dialogue a) drug quality and availability b) financing of TB diagnosis and care	WHO	10,961	 25%	Jul	2013	OR on availability and pricing completed. OR on prescription habits completed. Draft reports available. Dissemination plan with NTP (APR UNION conference/MoH)
	<b>6.2.2</b>	Assessment and TA for development of aligned national GMP	WHO	26,856	 25%	Apr	2013	ToR for consultant developed; Consultant selection in process
	<b>6.2.3</b>	Advocacy for GMP with local industry	WHO	16,860	 25%	Apr	2013	Proposal for launching developed; DFC in process
	<b>6.2.4</b>	Provide technical support to NTP for TB supply chain strategy development	MSH	28,686	 0%	Sep	2013	This activity is planned for Q3 and Q4.
					 <b>28%</b>			

7. M&E, OR and Surveillance			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
7.1 Strengthened TB surveillance	<b>7.1.1</b>	VITIMES: Distant and in-country technical assistance (the internet based TB surveillance tool , developed by the NLH in close cooperation with 2 local IT companies and TA by KNCV surveillance consultant)	KNCV	23,933	 50%	Sep	2013	The TA mission by KNCV-HQ surveillance consultant (Nico Kalisvaart) was conducted on 17-23 March. A roadmap of key different components for improving VITIMES and data exchange between VITIMES and eTB manager by 2015 has been available in collaboration with WHO-HQ consultant. The mission report including the findings and recommendations is available.

Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
7.3 Improved capacity of NTPs to perform operations research	<b>7.3.1</b>	Technical support for capacity building for OR	KNCV	29,507	 50%	Sep	2013	The TA mission by KNCV-HQ research consultant (Edine Tiemmersma) for operational research was conducted on 17-22 March. The final draft of 3 OR protocols (GeneXpert, 02 TB management in children) are now getting available and ready for approval process of the NTP. The consultant also provided TA for NTP and WHO on data cleaning and analysis for the 4th drug resistance survey (23-30 March) The mission report including the findings and recommendations is available.
	<b>7.3.2</b>	OR on obstacles for women and children to access MDR-TB services	WHO	10,786	 0%	Jun	2013	Research site determined in collaboration with NTP. ToR are under development.
	<b>7.3.3</b>	OR on obstacles to access to health insurance for TB diagnosis and care	WHO	18,831	 0%	Aug	2013	WHO & NTP identified the elements to be studied. ToR are under development
	<b>7.3.4</b>	Support NTP to conduct supply chain assessment for TB related pharmaceuticals and supplies	MSH	44,388	 0%	Sep	2013	This activity is not planned to be implemented in this Quarter
					 20%			

8. Drug supply and management				Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity	Activity Leader			Month	Year	
8.1 Ensured nationwide systems for a sustainable supply of drugs	<b>8.1.1</b>	GeneXpert supply chain planning	MSH		 75%	Sep	2013	Due to MSH's HR problem, since starting of the pilot implementation of GeneXpert in early 2012, KNCV Country Office has been responsible for providing TA to NTP on Xpert MTB\RIF supply chain planning including forecasting for procurement, local distribution, collection of monthly reports on Xpert MTB\RIF tests and cartridge use and data enter and analysis. In collaboration with NTP, KNCV has conducted monitoring and management of the cartridge use as well as supported the NTP with GX maintenance and recalibration planning and management. This system is functioning well.

	<b>8.1.2</b>	Procurement performance management	MSH		 0%	Sep	2013	A new Drug Supply Management staff is joining TB CARE I as of April 2013, so this activity will be implemented in Q3 & Q4
	<b>8.1.3</b>	Supply chain policies, procedures, and operational documents	MSH	2,500	 0%	Sep	2013	A new Drug Supply Management staff is joining TB CARE I as of April 2013, so this activity will be implemented in Q3 & Q4
	<b>8.1.4</b>	Capacity building on pharmaceutical supply chain management	MSH	79,822	 0%	Sep	2013	A new Drug Supply Management staff is joining TB CARE I as of April 2013, so this activity will be implemented in Q3 & Q4
					 <b>19%</b>			

Total Approved Staffing & Operations Budget	561,011
Grand Total Approved Project Budget	1,800,000



## Quarterly MDR-TB Report

Country	Vietnam
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Period	JANUARY-MARCH 2013
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### MDR TB cases diagnosed and put on treatment in country

Quarter	Number of MDR cases diagnosed	Number of MDR cases put on treatment	Comments:
Total 2010	202	97	For the report period of Jan-Mar 2013, MDR-TB data is available from NTP for 2 months of Jan and Feb 2013 only.
Total 2011	N/A	578	
Jan-Mar 2012	N/A	176	
Apr-Jun 2012	N/A	176	
Jul-Sep 2012	N/A	138	
Oct-Dec 2012	N/A	131	
Total 2012	774	713	
Jan-Mar 2013	N/A	92	

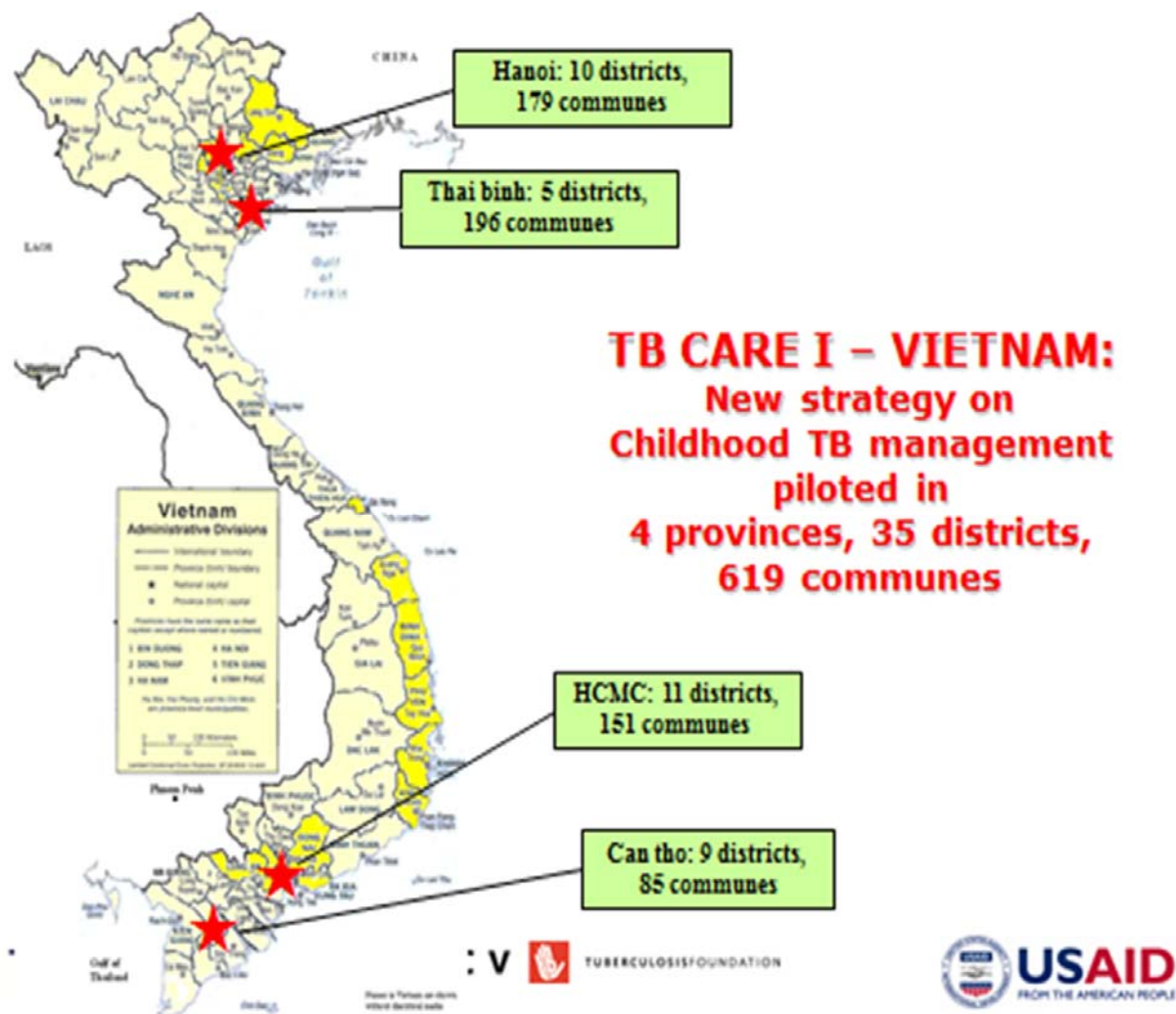
## 6. TB CARE I-supported International Visits (technical and management-related trips)

#	Partner	Activity Code	Name	Purpose	Planned month, year	Status	Dates completed	Additional Remarks
1	KNCV	1.2.3 (1st visit)	Stephen Michael Graham - Associate Professor of International Child Health, University of Melbourne Department of Paediatrics - External consultant for TB in children	Provide TA in introduction and evaluation of new strategy for TB in children in 4 pilot provinces	Q1 2013	Completed	11-21 March 2013	
2	KNCV	1.2.3 (2nd visit)	Stephen Michael Graham - Associate Professor of International Child Health, University of Melbourne Department of Paediatrics - External consultant for TB in children	Provide TA in introduction and evaluation of new strategy for TB in children in 4 pilot provinces	Q3 2013	Planned		Schedule in August
3	KNCV	1.2.5, 1.2.6, 1.2.8	Agnes Gebhard - KNCV senior consultant	Provide TA in implementation of TB\HIV\MDR-TB control in prisons	Q4 2012 and combined with 4.1.1 (1st visit)	Postponed		Scheduled on 8-20 April 2013
4	KNCV	2.2.1	Sang Jae Kim, Emeritus director, Korean Institute of TB, Korea - Senior laboratory consultant	Provide TA in development and implementation of related guidelines, SOPs, training materials, ... and trainings	Q2 2013	Postponed		Postponed to Q3 2013
5	KNCV	3.2.4	Franco Ramoso - TBIC consultant	Provide TA on implementation of TBIC facility plans	Q2/3 2013	Planned		
6	KNCV	4.1.1 (1st visit)	Agnes Gebhard - KNCV senior consultant	Provide TA for PMDT implementation and scale up and general backstopping project	Q2 2013	Completed	18-23 November 2012	
7	KNCV	4.1.1 (2nd visit)	Agnes Gebhard - KNCV senior consultant	Provide TA for PMDT implementation and scale up and general backstopping project	Q3 2013	Planned		

8	KNCV	7.1.2 (1st visit)	Nico Kalisvaart - KNCV surveillance consultant	Provide TA for development of VITIMES with linkage of e-TB manager	Q4 2012	Completed	17-23 March 2013	
9	KNCV	7.1.2 (2nd visit)	Nico Kalisvaart - KNCV surveillance consultant	Provide TA for development of VITIMES with linkage of e-TB manager	Q2 2013	Planned		
10	KNCV	7.3.1 (1 visit)	Edine Tiemersma - KNCV research consultant	Provide TA to all ORs of the project including design, data collection, validation, analysis of results, publication for TB and TB/HIV program development, evaluation of new diagnostics, TBIC.	Q1 2013	Completed	18-23 March 2013	
11	KNCV	7.3.1 (2nd visit)	Edine Tiemersma - KNCV research consultant	Provide TA to all ORs of the project including design, data collection, validation, analysis of results, publication for TB and TB/HIV program development, evaluation of new diagnostics, TBIC.	Q3 2013	Planned		Scheduled in August
12	MSH	MSH Staffing & operations	Pedro Suarez	Overall technical oversight and project supervision	Q3 2013	Planned		
13	MSH	MSH Staffing & operations	Catherine Mundy	Technical oversight and supervision to lab component	Q3 2013	Planned		
14	MSH	4.1.4	Joel Keravec	Support eTBM implementation	Q2 2013	in progress	6-20 April 2012	Field visits to Hanoi Lung hospital, PNT hospital, Binh Thuan, Da Nang and
15	MSH	4.1.4	Luiz Reciolino	Support eTBM implementation	Q1 2013	Completed	5-14 December 2012	Field visits to PNT hospital, Can Tho, Da Nang and K-74
16	MSH	7.3.4	Andy Barraclough	International consultant to conduct supply chain assessment	TBD	Planned		
17	MSH	8.1.4	Andy Barraclough	Support capacity building with supply chain management	TBD			
18	WHO	6.1.4	Dr Hara PATH	ACSM workshops	Q1 2013	Completed	08 March 2013	
19	WHO	6.2.2	TBD	GMP Assessment	Q3 2013	Planned		
20	WHO	6.2.2	TBD	Develop framework for quality circles	Q3 2013	Planned		
21	WHO	6.2.3	HQ-QSM	Advocacy for GMP	Q3 2013	Planned		
22	KNCV	KNCV S&O	Joke Langbroek	Management support	Q2 2013	Planned		
23	KNCV	KNCV S&O	Fenneke Pak	Project Management Support	Q2 2013	Planned		

24	KNCV	KNCV S&O	Inge Sasburg	Internal Audit	Q4 2012	Completed	5-9 November 2012	
25	KNCV	KNCV S&O	Luician Roester	Internal Audit	Q2 2013	Planned		Scheduled in April 4- 6, 2013
Total number of visits conducted (cumulative for fiscal year)							8	
Total number of visits planned in workplan							25	
Percent of planned international consultant visits conducted							32%	

## Quarterly Photos (as well as tables, charts and other relevant materials)



Map of the selected sites for pilot implementation of new approach of management of TB in children



Trainings on new approach of management of TB in children were jointly organized by KNCV, NTP and Thai binh TB & Lung Disease Hospital in January and February 2013 (4 photos above)





Monitoring visit conducted by Prof. Steve Graham, KNCV and NTP staff on Childhood TB management in Nhon Nghia commune, Phong dien district, Can tho, 15 March 2013 (2 photos above)



Training on GeneXpert implementation for doctors in HIV OPCs in HCMC, 6 March 2013



Training on GeneXpert implementation for doctors in HIV OPCs in Can tho, 8 March 2013



Prof. Bui Duc Duong, VAAC Deputy Director (MOH) visited GeneXpert lab in PNTH, 6 March 2013



GeneXpert monitoring in Binh thanh district, HCMC, 25 Feb 2013



GeneXpert monitoring in the Pediatrics Hospital I in HCMC, 26 Feb 2013



GeneXpert monitoring in district #6, HCMC, 25 Feb 2013





GeneXpert monitoring in An giang, 28 Feb 2013



GeneXpert monitoring in Can tho, 1 March 2013  
(Dr. Vu Ngoc Son, USAID Mission, right)



Talking with MDR-TB patient in Binh thanh district, HCMC, Feb 2013

## Inventory List of Equipment TB CARE I

<b>Organization:</b>	<b>TB CARE I</b>
<b>Country:</b>	Vietnam
<b>Reporting date:</b>	30-Apr-13
<b>Year:</b>	Year 3



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**TB CARE I**

Description (1)	ID numbers (2)	Acquisition date (3)	Acquisition cost (4)	V.A.T (5)	Currency	Cost by VND	Location (6)	Condition (7)	Disposition date (8)	Title held by (9)	Warranty/ Insurance Policy
<b>1. KNCV Country Office</b>											
Compaq Desktop Pro2000 Business with HP S1921 LCD and HP keyboard (1)	SGH115SHJW; WJ673A-CN40270M65	10-Jun-11	12,790,000	1,162,727	VND	12,790,000	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Compaq Desktop Pro2000 Business with HP S1921 LCD and HP keyboard (2)	SGH115SHD6; WJ673A-CN40270LG3	10-Jun-11	12,790,000	1,162,727	VND	12,790,000	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Compaq Desktop Pro2000 Business with HP S1921 LCD and HP keyboard (3)	SGH115SHK6; WJ673A-CN40270M47	10-Jun-11	12,790,000	1,162,727	VND	12,790,000	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Compaq Desktop Pro2000 Business with HP S1921 LCD and HP keyboard (4)	SGH115SHK2; WJ673A-CN40270M27	10-Jun-11	12,790,000	1,162,727	VND	12,790,000	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Compaq Desktop Pro2000 Business with HP S1921 LCD and HP keyboard (5)	SGH115SHD4; WJ673A-CN40270M5C	10-Jun-11	12,790,000	1,162,727	VND	12,790,000	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Panasonic KX-TES824SN (Telephone operator)	KX-TES824SN OICC0001831	10-Jun-11	5,990,000	544,545	VND	5,990,000	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Printer Laser Jet HP P2055DN (1)	CNCKR09247	10-Jun-11	11,490,000	1,044,545	VND	11,490,000	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Printer Laser Jet HP P2055DN (2)	CNCKS08980	10-Jun-11	11,490,000	1,044,545	VND	11,490,000	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Photocopy Sharp AR-5623N	15021702	10-Jun-11	62,590,000	5,690,000	VND	62,590,000	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Fax Panasonic KX-FL 612 CX	1CBWC164603	10-Jun-11	5,950,000	540,909	VND	5,950,000	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Scanner HP G3110	L2698A	10-Jun-11	3,575,000	325,000	VND	3,575,000	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
HP Server + Windows Server 2008 Std 2008 R2 w/SP1 x 64)	SSGH029X98M Virtual key for R2: KDFJP-DCC6D-8M3HR-CWXDT-ED96E	28-Dec-11	69,203,459	6,291,224	VND	69,203,459	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
UPS Santak online 1KVA	21201011709000102	28-Dec-11	7,285,882	662,353	VND	7,285,882	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months

Laptop Dell Latitude E6220 with extended battery and docking station	CWDXWP1	28-Dec-11	39,561,500	3,596,500	VND	39,561,500	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
Laptop Dell Latitude E6220 with extended battery and docking station	CWFTWP1	28-Dec-11	39,561,500	3,596,500	VND	39,561,500	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
Laptop Dell Latitude E6220 with extended battery and docking station	CWGTWP1	28-Dec-11	39,561,500	3,596,500	VND	39,561,500	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
Laptop Dell Latitude E6220 with extended battery and docking station	CWLSXP1	28-Dec-11	39,561,500	3,596,500	VND	39,561,500	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
HP-Compaq LCD S1932 (1)	CN414003ZZ	28-Dec-11	2,523,530	229,412	VND	2,523,530	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
HP-Compaq LCD S1932 (2)	CN414003MW	28-Dec-11	2,523,530	229,412	VND	2,523,530	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months

Printer Laser Jet HP P2055DN (3)	VNC3T24030	28-Dec-11	12,835,294	1,166,845	VND	12,835,294	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
LCD Projector Epson EB-1775W/ with USB Presenter/ HDMI cable	NN2F170090L	28-Dec-11	37,632,942	3,421,177	VND	37,632,942	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
Dalite electronic screen with remote controll	N/A	28-Dec-11	3,526,470	320,588	VND	3,526,470	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Hpec S516 paper shredder	00000435	28-Dec-11	5,072,942	461,177	VND	5,072,942	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
Sony ICD SX712 Digital Voice Recorder	1028499	4-Jan-12	6,340,796	576,436	VND	6,340,796	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Digital camara Canon G10	8518407091	4-Jan-12	11,985,204	1,089,564	VND	11,985,204	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
External HDD Western 500GB (1)	WX11A7126029	4-Jan-12	2,523,598	229,418	VND	2,523,598	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
External HDD Western 500GB (2)	WX81E71RXF59	4-Jan-12	2,523,598	229,418	VND	2,523,598	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
External HDD Western 500GB (3)	WX81E81WZW55	4-Jan-12	2,523,598	229,418	VND	2,523,598	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
External HDD Western 500GB (4)	WX31A91W9652	4-Jan-12	2,523,598	229,418	VND	2,523,598	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
External HDD Western 500GB (5)	WXF1A51S1909	4-Jan-12	2,523,598	229,418	VND	2,523,598	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
Projector Panasonic PT-LB90NTEA	SD2344030	28-Sep-12	31,128,000	2,829,818	VND	31,128,000	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
Hp Scanjet N6350	B2CH5646229	28-Sep-12	20,360,000	1,850,909	VND	20,360,000	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
HP color printer LaserJet Pro 400 M451DN	CNC11011896	28-Sep-12	16,375,000	1,488,636	VND	16,375,000	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	36 months
Polycom conference telephone &CL800	H8120702062C	28-Sep-12	62,205,000	5,655,000	VND	62,205,000	KNCV Office, 130 Mai Anh Tuan, Dong da, Hanoi, Vietnam	Good		KNCV CO	12 months
<b>2. KNCV Local Partners</b>											
GeneXpert (1)	708262	26-Nov-11	17,000	-	USD	354,110,000	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
UPS Hyundai True Online 1000VA	SA18HD11250003	7-Jun-12	6,998,000		VND	6,998,000	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	36 months

HP Printer P2035	CNC0110566	7-Jun-12	8,735,000		VND	8,735,000	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	36 months
GeneXpert (2)	708263	26-Nov-11	17,000	-	USD	354,110,000	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
UPS Hyundai True Online 1000VA	SA18HD11250009	31-May-12	6,998,000		VND	6,998,000	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	36 months
HP Printer P2035	CNC00109386	31-May-12	8,735,000		VND	8,735,000	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	36 months
Laptop Dell Latitude E5420	8MBM5S1	22-Mar-12	23,280,000	-	VND	23,280,000	463 Hoang Hoa Tham, Ha Noi	Good		NTP-National Lung Hospital	36 months
Laptop Dell Latitude E5420	8MBQ5S1	22-Mar-12	23,280,000	-	VND	23,280,000	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	36 months
Laptop Dell Latitude E5420	8MBL5S1	22-Mar-12	23,280,000	-	VND	23,280,000	44 Thanh Nhan Str., Ha Noi	Good		Ha Noi Lung Hospital	36 months
Laptop Dell Latitude E5420	8MBP5S1	22-Mar-12	23,280,000	-	VND	23,280,000	Quang Thinh, Quang Xuong, Thanh Hoa province	Good		Thanh Hoa Lung Hospital	36 months
Laptop Dell Latitude E5420	8MBN4S1	22-Mar-12	23,280,000	-	VND	23,280,000	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	36 months
Laptop Dell Latitude E5420	8MBM4S1	22-Mar-12	23,280,000	-	VND	23,280,000	Alley 53, Phuoc Ly, Hoa Minh, Lien Chieu Dist., Da Nang city	Good		Da Nang Lung Hospital	36 months
Laptop Dell Latitude E5420	8MBQ4S1	22-Mar-12	23,280,000	-	VND	23,280,000	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	36 months
Laptop Dell Latitude E5420	8MBP5S1	22-Mar-12	23,280,000	-	VND	23,280,000	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	36 months
Laptop Dell Latitude E5420	8MBP4S1	22-Mar-12	23,280,000	-	VND	23,280,000	1/5 Bui Huu Nghia, O Mon, Can Tho province	Good		Can Tho Lung Hospital	36 months
Laptop Dell Latitude E5420	8MBR4S1	22-Mar-12	23,280,000	-	VND	23,280,000	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	36 months
GeneXpert (3)	801979	18-Jun-12	17,000	-	USD	354,110,000	1/5 Bui Huu Nghia, O Mon, Can Tho province	Good		Can Tho Lung Hospital	12 months
UPS Hyundai True Online 1000VA	EH50001120824012	4-Sep-12	8,735,000		VND	8,735,000	1/5 Bui Huu Nghia, O Mon, Can Tho province	Good		Can Tho Lung Hospital	36 months
HP Printer P2035	CNC0432093	4-Sep-12	6,998,000		VND	6,998,000	1/5 Bui Huu Nghia, O Mon, Can Tho province	Good		Can Tho Lung Hospital	36 months
GeneXpert (4)	802037	18-Jun-12	17,000	-	USD	354,110,000	Quang Thinh, Quang Xuong, Thanh Hoa province	Good		Thanh Hoa Lung Hospital	12 months

UPS Hyundai True Online 1000VA	EH5001120824019	25-Sep-12	8,735,000		VND	8,735,000	Quang Thinh, Quang Xuong, Thanh Hoa province	Good		Thanh Hoa Lung Hospital	36 months
HP Printer P2035	CNC0213061	4-Sep-12	6,998,000		VND	6,998,000	Quang Thinh, Quang Xuong, Thanh Hoa province	Good		Thanh Hoa Lung Hospital	36 months
GeneXpert (5)	801978	18-Jun-12	17,000	-	USD	354,110,000	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
UPS Hyundai True Online 1000VA	EH50001120824015	19-Sep-12	8,735,000		VND	8,735,000	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	36 months
HP Printer P2035	CNC0434222	19-Sep-12	6,998,000		VND	6,998,000	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	36 months
GeneXpert (6)	801972	18-Jun-12	17,000	-	USD	354,110,000	District no.6, Ho Chi Minh City	Good		DTU, Q.6, HCMC	12 months
UPS Hyundai True Online 1000VA	EH50001120824006	4-Sep-12	8,735,000		VND	8,735,000	District no.6, Ho Chi Minh City	Good		DTU, Q.6, HCMC	36 months
HP Printer P2035	CNC0430920	4-Sep-12	6,998,000		VND	6,998,000	District no.6, Ho Chi Minh City	Good		DTU, Q.6, HCMC	36 months
GeneXpert (7)	801973	18-Jun-12	17,000	-	USD	354,110,000	District no.8, Ho Chi Minh City	Good		DTU, Q.8, HCMC	12 months
UPS Hyundai True Online 1000VA	EH50001120834003	4-Sep-12	8,735,000		VND	8,735,000	District no.8, Ho Chi Minh City	Good		DTU, Q.8, HCMC	36 months
HP Printer P2035	CNC0432150	4-Sep-12	6,998,000		VND	6,998,000	District no.8, Ho Chi Minh City	Good		DTU, Q.8, HCMC	36 months
GeneXpert (8)	802036	18-Jun-12	17,000	-	USD	354,110,000	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
UPS Hyundai True Online 1000VA	EH5001120824018	26-Sep-12	8,735,000		VND	8,735,000	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	36 months
HP Printer P2035	CNC0112487	26-Sep-12	6,998,000		VND	6,998,000	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	36 months
GeneXpert (9)	801977	18-Jun-12	17,000	-	USD	354,110,000	Binh Thanh District, Ho Chi Minh City	Good		DTU, Binh Thanh, HCMC	12 months
UPS Hyundai True Online 1000VA	EH50001120824004	4-Sep-12	8,735,000		VND	8,735,000	Binh Thanh District, Ho Chi Minh City	Good		DTU, Binh Thanh, HCMC	36 months
HP Printer P2035	CNC0433373	4-Sep-12	6,998,000		VND	6,998,000	Binh Thanh District, Ho Chi Minh City	Good		DTU, Binh Thanh, HCMC	36 months
GeneXpert (10)	801970	18-Jun-12	17,000	-	USD	354,110,000	Alley 53, Phuoc Ly, Hoa Minh, Lien Chieu Dist., Da Nang city	Good		Da Nang Lung Hospital	12 months

UPS Hyundai True Online 1000VA	SA18HD11250001	11-Jul-12	8,735,000		VND	8,735,000	Alley 53, Phuoc Ly, Hoa Minh, Lien Chieu Dist., Da Nang city	Good		Da Nang Lung Hospital	36 months
HP Printer P2035	CNC0112492	11-Jul-12	6,998,000		VND	6,998,000	Alley 53, Phuoc Ly, Hoa Minh, Lien Chieu Dist., Da Nang city	Good		Da Nang Lung Hospital	36 months
GeneXpert (11)	801971	18-Jun-12	17,000	-	USD	354,110,000	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
UPS Hyundai True Online 1000VA	EH5001120824010	27-Sep-12	8,735,000		VND	8,735,000	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	36 months
HP Printer P2035	CNC0432368	27-Sep-12	6,998,000		VND	6,998,000	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	36 months
GeneXpert (12)	802217	12-Sep-12	17,000	-	USD	354,110,000	330 Le Dai Hanh, Hai Phong City	Good		Hai Phong Lung Hospital	12 months
UPS Hyundai True Online 1000VA	EH50001120824005	12-Sep-12	8,735,000		VND	8,735,000	330 Le Dai Hanh, Hai Phong City	Good		Hai Phong Lung Hospital	36 months
HP Printer P2035	CNC0313601	12-Sep-12	6,998,000		VND	6,998,000	330 Le Dai Hanh, Hai Phong City	Good		Hai Phong Lung Hospital	36 months
GeneXpert (13)	802218	10-Sep-12	17,000	-	USD	354,110,000	Cao Xanh Ward, Ha Long City	Good		Quang Ninh Lung Hospital	12 months
UPS Hyundai True Online 1000VA	EH50001120824002	10-Sep-12	8,735,000		VND	8,735,000	Cao Xanh Ward, Ha Long City	Good		Quang Ninh Lung Hospital	36 months
HP Printer P2035	CNC0430922	10-Sep-12	6,998,000		VND	6,998,000	Cao Xanh Ward, Ha Long City	Good		Quang Ninh Lung Hospital	36 months
GeneXpert (14)	802215	21-Sep-12	17,000	-	USD	354,110,000	No. 12B Le Loi str., My Binh Ward, Long Xuyen City, An Giang	Good		An Giang Preventive Medical Center	12 months
UPS Hyundai True Online 1000VA	EH50001120824009	21-Sep-12	8,735,000		VND	8,735,000	No. 12B Le Loi str., My Binh Ward, Long Xuyen City, An Giang	Good		An Giang Preventive Medical Center	36 months
HP Printer P2035	CNC0432368	21-Sep-12	6,998,000		VND	6,998,000	No. 12B Le Loi str., My Binh Ward, Long Xuyen City, An Giang	Good		An Giang Preventive Medical Center	36 months
GeneXpert (15)	802219	22-Sep-12	17,000	-	USD	354,110,000	Noong Bua Ward, Dien Bien Phu City	Good		Dien Bien Lung Hospital	12 months
UPS Hyundai True Online 1000VA	EH50001120824016	22-Sep-12	8,735,000		VND	8,735,000	Noong Bua Ward, Dien Bien Phu City	Good		Dien Bien Lung Hospital	36 months
HP Printer P2035	CNC0314262	22-Sep-12	6,998,000		VND	6,998,000	Noong Bua Ward, Dien Bien Phu City	Good		Dien Bien Lung Hospital	36 months
GeneXpert (16)	802214	17-Sep-12	17,000	-	USD	354,110,000	341 Su Van Hanh, Ward 10, District 10, HCMC	Good		Pediatric Hosospital No.1	12 months

UPS Hyundai True Online 1000VA	EH50001120824007	17-Sep-12	8,735,000		VND	8,735,000	341 Su Van Hanh, Ward 10, District 10, HCMC	Good		Pediatric Hosospital No.1	36 months
HP Printer P2035	CNC0432697	17-Sep-12	6,998,000		VND	6,998,000	341 Su Van Hanh, Ward 10, District 10, HCMC	Good		Pediatric Hosospital No.1	36 months
GeneXpert (17)	802216	28-Sep-12	17,000	-	USD	354,110,000	No.18/879 La Thanh Str., Dong Da Dist., Hanoi	Good		Central Pediatric Hospital	12 months
UPS Hyundai True Online 1000VA	EH50001120824016	28-Sep-12	8,735,000		VND	8,735,000	No.18/879 La Thanh Str., Dong Da Dist., Hanoi	Good		Central Pediatric Hospital	36 months
HP Printer P2035	CNC03142862	28-Sep-12	6,998,000		VND	6,998,000	No.18/879 La Thanh Str., Dong Da Dist., Hanoi	Good		Central Pediatric Hospital	36 months
UPS EATON 2000VA	11022509170006	29-Mar-12	14,196,000	-	VND	14,196,000	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	36 months
UPS EATON 2000VA	11022509170041	29-Mar-12	14,196,000	-	VND	14,196,000	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	36 months
UPS EATON 2000VA	10101989870056	29-Mar-12	14,196,000	-	VND	14,196,000	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	36 months
UPS EATON 2000VA	1109 154 073 0003	3-Apr-12	14,196,000	-	VND	14,196,000	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	36 months
UPS EATON 2000VA	1109 154 073 0004	3-Apr-12	14,196,000	-	VND	14,196,000	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	36 months
UPS EATON 2000VA	1109 154 061 0054	3-Apr-12	14,196,000	-	VND	14,196,000	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	36 months
UPS EATON 2000VA	11091540610052	4-Apr-12	14,196,000	-	VND	14,196,000	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	36 months
UPS EATON 2000VA	11091540610014	4-Apr-12	14,196,000	-	VND	14,196,000	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	36 months
UPS EATON 2000VA	11091540730066	4-Apr-12	14,196,000	-	VND	14,196,000	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	36 months
UPS EATON 2000VA	2456 0088	29-Mar-12	14,196,000	-	VND	14,196,000	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	36 months
UPS EATON 2000VA	2456 0092	29-Mar-12	14,196,000	-	VND	14,196,000	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	36 months
UPS EATON 2000VA	2456 0028	29-Mar-12	14,196,000	-	VND	14,196,000	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	36 months
UPS EATON 2000VA	2456 0045	29-Mar-12	14,196,000	-	VND	14,196,000	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	36 months



Micropipette set Proline Plus Biohit	12517918 12524789	22-May-12	189	-	USD	3,936,870	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Micropipette set Proline Plus Biohit	12517919 12524790	22-May-12	189	-	USD	3,936,870	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Micropipette set Proline Plus Biohit	12517920 12524791	22-May-12	189	-	USD	3,936,870	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Micropipette set Proline Plus Biohit	11022270 11515430	22-May-12	189	-	USD	3,936,870	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Micropipette set Proline Plus Biohit	11503389 11515431	22-May-12	189	-	USD	3,936,870	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Micropipette set Proline Plus Biohit	11514848 11515435	22-May-12	189	-	USD	3,936,870	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Micropipette set Proline Plus Biohit	12517921 12524792	22-May-12	189	-	USD	3,936,870	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Micropipette set Proline Plus Biohit	12517922 11515425	22-May-12	189	-	USD	3,936,870	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Micropipette set Proline Plus Biohit	11500649 11515426	22-May-12	189	-	USD	3,936,870	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Micropipette set Proline Plus Biohit	11529133 11515432	21-May-12	189	-	USD	3,936,870	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Micropipette set Proline Plus Biohit	11529134 11515433	21-May-12	189	-	USD	3,936,870	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Micropipette set Proline Plus Biohit	11529135 11515434	21-May-12	189	-	USD	3,936,870	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Light meter Extech	Q584209	30-May-12	181	-	USD	3,770,230	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Light meter Extech	Q581258	30-May-12	181	-	USD	3,770,230	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Light meter Extech	Q584193	30-May-12	181	-	USD	3,770,230	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Distance meter Vogel	C110103512	18-Jun-12	303	-	USD	6,311,490	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Distance meter Vogel	C120100536	18-Jun-12	303	-	USD	6,311,490	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Distance meter Vogel	C120100535	18-Jun-12	303	-	USD	6,311,490	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months

Thermal anemometer Kanomax	662915/65422G0137	30-Jun-12	2,535	-	USD	52,804,050	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Thermal anemometer Kanomax	662916/65422G0138	30-Jun-12	2,535	-	USD	52,804,050	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Thermal anemometer Kanomax	662917/65422G0139	30-Jun-12	2,535	-	USD	52,804,050	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
UV meter SGLUX	ESMG10-MB-3100(0110)	20-Jun-12	2,496	-	USD	51,991,680	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
UV meter SGLUX	ESMG10-MB-3100(0106)	20-Jun-12	2,496	-	USD	51,991,680	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
UV meter SGLUX	ESMG10-MB-3100(0109)	20-Jun-12	2,496	-	USD	51,991,680	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Sound meter KIMO	11120409	15-Jun-12	705	-	USD	14,685,150	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Sound meter KIMO	11120406	15-Jun-12	705	-	USD	14,685,150	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Sound meter KIMO	11120407	15-Jun-12	705	-	USD	14,685,150	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Smoke generator	11007697	13-Aug-12	409	-	USD	8,519,470	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Smoke generator	11007714	13-Aug-12	409		USD	8,519,470	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Smoke generator	11007705	13-Aug-12	409		USD	8,519,470	463 Hoang Hoa Tham, Ha Noi (to be distributed to provinces)	Good		NTP-National Lung Hospital	12 months
Carl Zeiss Primostar iLED flouescene microscope	3134000789	9-Jul-12	2,170		USD	45,201,100	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Carl Zeiss Primostar iLED flouescene microscope	3134000706	9-Jul-12	2,170		USD	45,201,100	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Carl Zeiss Primostar iLED flouescene microscope	3134000714	10-Jul-12	2,170		USD	45,201,100	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Carl Zeiss Primostar iLED flouescene microscope	3134000839	10-Jul-12	2,170		USD	45,201,100	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Carl Zeiss Primostar iLED flouescene microscope	3134000746	16-Jul-12	2,170		USD	45,201,100	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Carl Zeiss Primostar iLED flouescene microscope	3134000798	16-Jul-12	2,170		USD	45,201,100	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months

Carl Zeiss Primostar iLED flouescene microscope	3134000865	16-Jul-12	2,170		USD	45,201,100	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Carl Zeiss Primostar iLED flouescene microscope	3134000863	16-Jul-12	2,170		USD	45,201,100	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Carl Zeiss Primostar iLED flouescene microscope	3134000858	16-Jul-12	2,170		USD	45,201,100	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Carl Zeiss Primostar iLED flouescene microscope	3134000326	16-Jul-12	2,170		USD	45,201,100	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Carl Zeiss Primostar iLED flouescene microscope	3134000796	16-Jul-12	2,170		USD	45,201,100	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Carl Zeiss Primostar iLED flouescene microscope	3134000808	16-Jul-12	2,170		USD	45,201,100	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Carl Zeiss Primostar iLED flouescene microscope	3134000719	16-Jul-12	2,170		USD	45,201,100	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Carl Zeiss Primostar iLED flouescene microscope	3134000868	16-Jul-12	2,170		USD	45,201,100	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Contherm Incubator	12155	24-Jul-12	9,236.36		USD	192,393,379	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Contherm Incubator	12157	20-Jul-12	9,236.36		USD	192,393,379	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Contherm Incubator	12156	23-Jul-12	9,236.36		USD	192,393,379	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Contherm Incubator	12158	18-Jul-12	9,236.36		USD	192,393,379	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Gettinge VS60 Autoclave	1222725722	21-Aug-12	25,280		USD	526,582,400	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Gettinge VS60 Autoclave	1222725724	22-Aug-12	25,280		USD	526,582,400	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Gettinge VS60 Autoclave	1222725721	31-Aug-12	25,280		USD	526,582,400	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
BSC Class 1 NuAire/Model NU-813-400E	151201061112	17-Jul-12	6,646.2		USD	138,440,346	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	24 months
Double Pan balance scale Ohaus/Model Havard 1550-SD	N/A	17-Jul-12	464		USD	9,673,452	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
BSC Class 1 NuAire/Model NU-813-400E	15119806112	18-Jul-12	6,646.2		USD	138,440,346	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	24 months

Double Pan balance scale Ohaus/Model Havard 1550-SD	N/A	18-Jul-12	464		USD	9,673,452	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
BSC Class 1 NuAire/Model NU-813-400E	151199061112	18-Jul-12	6,646.2		USD	138,440,346	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	24 months
Double Pan balance scale Ohaus/Model Havard 1550-SD	N/A	18-Jul-12	464		USD	9,673,452	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
BSC Class 1 NuAire/Model NU-813-400E	15120061112	16-Jul-12	6,646.2		USD	138,440,346	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	24 months
BSC Class 1 NuAire/Model NU-813-400E	15120201112	16-Jul-12	6,646.2		USD	138,440,346	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	24 months
Double Pan balance scale Ohaus/Model Havard 1550-SD	N/A	16-Jul-12	464		USD	9,673,452	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
BSC Class 2 Esco/Model SC2-4A1	20121-69181	19-Jul-12	5,819		USD	121,209,770	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Freezer Sanyo/Model MDF U334	12030059	19-Jul-12	3,264		USD	67,989,120	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Refrigerator Sharp/Model SJF75PS	R111102195	19-Jul-12	1,477		USD	30,765,910	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Refrigerator Sharp/Model SJF75PS	R111102166	19-Jul-12	1,477		USD	30,765,910	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Manual Water Distiller Bibby Scientific/Model W4000	E09890	19-Jul-12	818		USD	17,038,940	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Analytical balance scale Satorius/Model TE 124S	27509219	19-Jul-12	1,255		USD	26,141,650	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Alarm-type timer Control/Model 5015	122265108	19-Jul-12	50		USD	1,041,500	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Alarm-type timer Control/Model 5015	122265071	19-Jul-12	50		USD	1,041,500	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	12 months
Refrigerated centrifuge Hettich/Model ROTINA380R	0001193-01-00	9-Aug-12	9,321		USD	194,156,430	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Freezer Sanyo/Model MDF U334	12030050	9-Aug-12	3,264		USD	67,989,120	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Refrigerator Sharp/Model SJF75PS	SL/R111102182	9-Aug-12	1,477		USD	30,765,910	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Dry Oven Memmert/Model UNE700	7120025	9-Aug-12	4,233		USD	88,173,390	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months

Laminar flow clean bench ESCO/Model ACB-4A1	2012-69184	9-Aug-12	4,173		USD	86,923,590	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Alarm-type timer Control/Model 5015	122265573	9-Aug-12	50		USD	1,041,500	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Alarm-type timer Control/Model 5015	122265076	9-Aug-12	50		USD	1,041,500	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
BSC Class 2 Esco/Model SC2-4A1	20121-69183	27-Jul-12	5,819		USD	121,209,770	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Votex Mixer IKA/Model Votex Genius 3	6007631	27-Jul-12	255		USD	5,311,650	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Votex Mixer IKA/Model Votex Genius 3	6007641	27-Jul-12	255		USD	5,311,650	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Refrigerated centrifuge Hettich/Model ROTINA380R	001190-01-00	27-Jul-12	9,321		USD	194,156,430	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Freezer Sanyo/Model MDF U334	12030054	27-Jul-12	3,264		USD	67,989,120	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Dry Oven Memmert/Model UNE700	C712.0028	27-Jul-12	4,223		USD	87,965,090	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Manual Water Distiller Bibby Scientific/Model W4000	E09914	27-Jul-12	818		USD	17,038,940	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Alarm-type timer Control/Model 5015	122226512	27-Jul-12	50		USD	1,041,500	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Alarm-type timer Control/Model 5015	122265069	27-Jul-12	50		USD	1,041,500	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
BSC Class 2 Esco/Model SC2-4A1	20121-69182	24-Jul-12	5,819		USD	121,209,770	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Autoclave Tomy/Model ES-315	7929753	24-Jul-12	5,764		USD	120,064,120	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Votex Mixer IKA/Model Votex Genius 3	1005321	25-Jul-12	255		USD	5,311,650	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Refrigerated centrifuge Hettich/Model ROTINA380R	0000119201-00	26-Jul-12	9,321		USD	194,156,430	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Freezer Sanyo/Model MDF U334	12030051	26-Jul-12	3,264		USD	67,989,120	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Refrigerator Sharp/Model SJF75PS	R111102172	26-Jul-12	1,477		USD	30,765,910	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months

Refrigerator Sharp/Model SJF75PS	R111102170	26-Jul-12	1,477		USD	30,765,910	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Refrigerator Sharp/Model SJF75PS	R111102172	26-Jul-12	1,477		USD	30,765,910	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Dry Oven Memmert/Model UNE700	C7120026	26-Jul-12	4,223		USD	87,965,090	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Manual Water Distiller Bibby Scientific/Model W4000	E09893	26-Jul-12	818		USD	17,038,940	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Analytical balance scale Satorius/Model TE 124S	27509218	26-Jul-12	1,255		USD	26,141,650	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Alarm-type timer Control/Model 5015	122265109	26-Jul-12	50		USD	1,041,500	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Alarm-type timer Control/Model 5015	122265119	26-Jul-12	50		USD	1,041,500	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	12 months
Air conditioner Panasonic KC9	N/A	13-Aug-12	7,985,000		VND	7,985,000	District no.8, Ho Chi Minh City	Good		DTU, Q.8, HCMC	12 months
Air conditioner Panasonic KC9	N/A	13-Aug-12	7,000,000		VND	7,000,000	District no.6, Ho Chi Minh City	Good		DTU, Q.6, HCMC	12 months
Air conditioner Panasonic KC12	N/A	13-Aug-12	9,370,000		VND	9,370,000	Binh Thanh District, Ho Chi Minh City	Good		DTU, Binh Thanh, HCMC	12 months
Air conditioner Panasonic KC18	N/A	13-Aug-12	13,111,000		VND	13,111,000	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Water filter-softener WATTS/Model NC12-W100F/M3011-W100SM (for Getinge autoclaves)	N/A	28-Sep-12	62,490,000		VND	62,490,000	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Water filter-softener WATTS/Model NC12-W100F/M3011-W100SM (for Getinge autoclaves)	N/A	28-Sep-12	62,490,000		VND	62,490,000	463 Hoang Hoa Tham, Ha Noi	Good		NTP-National Lung Hospital	12 months
Water filter-softener WATTS/Model NC12-W100F/M3011-W100SM (for Getinge autoclaves)	N/A	28-Sep-12	62,490,000		VND	62,490,000	44 Thanh Nhan Str., Ha Noi	Good		Ha Noi Lung Hospital	12 months
Water filter-softener WATTS/Model NC12-W100F/M3011-W100SM (for Getinge autoclaves)	N/A	28-Sep-12	62,490,000		VND	62,490,000	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	12 months
Water filter-softener WATTS/Model NC12-W100F/M3011-W100SM (for Getinge autoclaves)	N/A	28-Sep-12	62,490,000		VND	62,490,000	Alley 53, Phuoc Ly, Hoa Minh, Lien Chieu Dist., Da Nang city	Good		Da Nang Lung Hospital	12 months
Water filter-softener WATTS/Model NC12-W100F/M3011-W100SM (for Getinge autoclaves)	N/A	28-Sep-12	62,490,000		VND	62,490,000	Quang Thinh, Quang Xuong, Thanh Hoa province	Good		Thanh Hoa Lung Hospital	36 months
Water filter-softener WATTS/Model NC12-W100F/M3011-W100SM (for Getinge autoclaves)	N/A	28-Sep-12	62,490,000		VND	62,490,000	1/5 Bui Huu Nghia, O Mon, Can Tho province	Good		Can Tho Lung Hospital	12 months

Airconditioner Panasonic KC18NKH-8 18.000BTU	181202012170	27-Sep-12	16,766,670		VND	16,766,670	463 Hoang Hoa Tham, Ha Noi	Good		NTP-National Lung Hospital	12 months
Airconditioner Panasonic KC18NKH-8 18.000BTU	181202012182	27-Sep-12	16,766,670		VND	16,766,670	463 Hoang Hoa Tham, Ha Noi	Good		NTP-National Lung Hospital	12 months
Airconditioner Panasonic KC18NKH-8 18.000BTU	181202012187	27-Sep-12	16,766,670		VND	16,766,670	Alley 53, Phuoc Ly, Hoa Minh, Lien Chieu Dist., Da Nang city	Good		Da Nang Lung Hospital	12 months
Airconditioner Panasonic KC18NKH-8 18.000BTU	181202012345	27-Sep-12	16,766,670		VND	16,766,670	Alley 53, Phuoc Ly, Hoa Minh, Lien Chieu Dist., Da Nang city	Good		Da Nang Lung Hospital	12 months
Airconditioner Panasonic KC18NKH-8 18.000BTU	181202012346	27-Sep-12	16,766,670		VND	16,766,670	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Airconditioner Panasonic KC18NKH-8 18.000BTU	181202012279	27-Sep-12	16,766,670		VND	16,766,670	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Airconditioner Panasonic KC18NKH-8 18.000BTU	181202012350	27-Sep-12	16,766,670		VND	16,766,670	330 Le Dai Hanh, Hai Phong City	Good		Hai Phong Lung Hospital	12 months
Airconditioner Panasonic KC18NKH-8 18.000BTU	181202012287	27-Sep-12	16,766,670		VND	16,766,670	Noong Bua Ward, Dien Bien Phu City	Good		Dien Bien Lung Hospital	12 months
Airconditioner Panasonic KC18NKH-8 18.000BTU	181202012247	27-Sep-12	19.266.670		VND	19.266.670	Quang Thinh, Quang Xuong, Thanh Hoa province	Good		Thanh Hoa Lung Hospital	12 months
Refrigerator Samsung RT30 300l	RT3065201107	27-Sep-12	9.044.440		VND	9.044.440	Quang Thinh, Quang Xuong, Thanh Hoa province	Good		Thanh Hoa Lung Hospital	12 months
Refrigerator Samsung RT2A 200l	RT2045201178	27-Sep-12	7.155.560		VND	7.155.560	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Refrigerator Samsung RT2A 200l	RT2045201182	27-Sep-12	7.155.560		VND	7.155.560	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	12 months
Fridge Sanaky 300l	LK72738	27-Sep-12	9.535.300		VND	9.535.300	463 Hoang Hoa Tham, Ha Noi	Good		NTP-National Lung Hospital	12 months
Fridge Sanaky 300l	LK72812	27-Sep-12	9.535.300		VND	9.535.300	463 Hoang Hoa Tham, Ha Noi	Good		NTP-National Lung Hospital	12 months
Fridge Sanaky 300l	LK72720	27-Sep-12	9.535.300		VND	9.535.300	Alley 53, Phuoc Ly, Hoa Minh, Lien Chieu Dist., Da Nang city	Good		Da Nang Lung Hospital	12 months
Fridge Sanaky 300l	LK72727	27-Sep-12	9.535.300		VND	9.535.300	Alley 53, Phuoc Ly, Hoa Minh, Lien Chieu Dist., Da Nang city	Good		Da Nang Lung Hospital	12 months
Fridge Sanaky 300l	LK72813	27-Sep-12	9.535.300		VND	9.535.300	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months
Fridge Sanaky 300l	LK72815	27-Sep-12	9.535.300		VND	9.535.300	120 Hung Vuong, Dist. 5, Ho Chi Minh City	Good		Pham Ngoc Thach Hospital	12 months

Slide drying bench	N/A	27-Sep-12	11,960,000		VND	11,960,000	Phuc Thang, Phuc Yen town, Vinh Phuc provinces	Good		K74 Hospital	
Slide drying bench	N/A	27-Sep-12	11,960,000		VND	11,960,000	Quang Thinh, Quang Xuong, Thanh Hoa province	Good		Thanh Hoa Lung Hospital	
Slide drying bench	N/A	27-Sep-12	11,960,000		VND	11,960,000	Nhon Phu, Quy Nhon City, Binh Dinh province	Good		Binh Dinh Lung Hospital	
Slide drying bench	N/A	27-Sep-12	11,960,000		VND	11,960,000	Alley 53, Phuoc Ly, Hoa Minh, Lien Chieu Dist., Da Nang city	Good		Da Nang Lung Hospital	
Slide drying bench	N/A	27-Sep-12	11,960,000		VND	11,960,000	3B Nguyen Hoi, Phu Trinh Dist., Phan Thiet, Binh Thuan province	Good		Binh Thuan Lung Hospital	
Slide drying bench	N/A	27-Sep-12	11,960,000		VND	11,960,000	Phu Thach, My Tho, Tien Giang province	Good		Tien Giang Lung Hospital	
Slide drying bench	N/A	27-Sep-12	11,960,000		VND	11,960,000	1/5 Bui Huu Nghia, O Mon, Can Tho province	Good		Can Tho Lung Hospital	
Slide drying bench	N/A	27-Sep-12	11,960,000		VND	11,960,000	44 Thanh Nhan Str., Ha Noi	Good		Ha Noi Lung Hospital	
<b>2. MSH</b>											
<b>2.1. MSH Country Office</b>											
<b>2.2. MSH Local Partners</b>											
<b>3. WHO</b>											
<b>3.1. WHO Country Office</b>											
<b>3.2. WHO Local Partners</b>											

(1) Description of equipment: transportation (vehicles), administration (computers, faxes), laboratory equipment or others

(2) Identification number (eg Manufacturer's serial number, model number, Federal stock number, national stock number)

(3) Date of invoice

(4) Total price including any sales tax paid. Use currency on invoice

(5) Note any sales tax charged

(6) Address

(7) Good/fair or bad

(8)+(9) Ultimate disposition data, (in the case of a vehicle) including date of disposal and sales price or the method used to determine current fair market value.

where a recipient compensated TB CARE I for its share. Attach supplementary info